

## Product datasheet for **TA303007**

### PCSK9 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:16,000. WB: 0.2ug/ml. IHC: 2-6ug/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence CRSRHQAQASQELQ, from the C Terminus of the protein sequence according to NP_777596.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	proprotein convertase subtilisin/kexin type 9
Database Link:	<a href="#">NP_777596</a> <a href="#">Entrez Gene 255738 Human</a> <a href="#">Q8NBP7</a>



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**Background:**

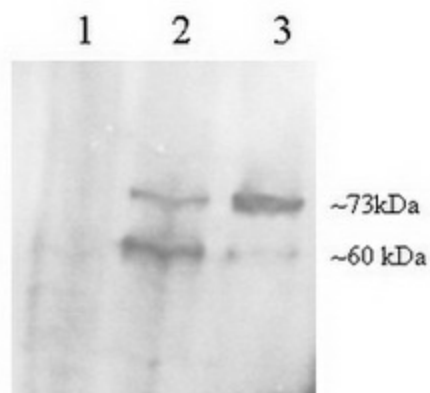
This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. The encoded protein is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the endoplasmic reticulum. The protein may function as a proprotein convertase. This protein plays a role in cholesterol homeostasis and may have a role in the differentiation of cortical neurons. Mutations in this gene have been associated with a third form of autosomal dominant familial hypercholesterolemia (HCHOLA3). [provided by RefSeq]

**Synonyms:**

FH3; HCHOLA3; LDLCQ1; NARC-1; NARC1; PC9

**Protein Families:**

Secreted Protein

**Product images:**

TA303007 staining (0.2ug/ml) of McA cell lysates: untransfected (1), transfected with wild type human pcsk9 (2), transfected with S127R human pcsk9 (3). Data kindly provided by Dr. X-M Sun, Hammersmith Hospital, London.